

Aero Design Ltd.**Work Order Control Sheet**Work Order#: **2016-16** Date Opened: **20 Jan 2016** Title: **Fabrication**Aircraft OEM: **Airbus Helicopters** Aircraft Model: **AS350/AS355** Product Type: **Beams** Product Model: **Fwd/RH/LH** Quantity: **30/15/40****Work Order Contents**

	Initial or N/A
Work Order/Build Sheets (Procedures Provided)	JC
Additional Work Sheets (Standard Practice)	N/A
Drawings (See List Below)	JC
Parts Distribution Sheet	JC
Sub Component Tags	N/A
Completed Certification (Original)	N/A
Time Sheet (R&D)	N/A
Notes	N/A

Build Sheet Contents

Tasks Initialled	JC
Dual Inspections Initialled	JC

Drawing List

Drawing #	Rev #	Description	Initial or N/A
78633	1	Forward Beam	JC
78634	1	Aft Beam	JC

Traveller**Component Completion**

	As Instructed
Quantity Complete on This Work Order	22/6/17
Quantity Incomplete on This Work Order	N/A
Further Processing Required Before Release	N/A
Release to Stock as Components	N/A

Certification

	Initial or N/A
Form One Completed	JC
Serviceable (Green) Tag Completed	N/A
In Process (Yellow) Tag Completed	N/A
Unserviceable (Red) Tag Completed	N/A
Parts Tracking Tags (White) Completed	N/A
Parts Placed in Stores for Distribution	N/A

Additional Documentation

	Initial or N/A
Documentation of a minor change	JC
Non-Conformance Report Required	N/A
Service Difficulty Report Required	N/A

Billing

Local (Aero Design)	JC
Research and Development	N/A
Third Party	N/A

Work performed by:

Print: J. Clarke

Sign: 

SCA: AD02

Date: 28-Mar-16

ICC / Dual Inspection performed by:

Print: J. Clarke

Sign: 

SCA: AD02

Date: 31-Mar-16

Work Order closed by:

Print: J. Clarke

Sign: 

SCA: AD02

Date: 20-Jan-17

Approved Manufacturing Facility 73-04

Form 20.D.03

Rev. Original 23 Sep 2014

MOUNTING BEAM FABRICATION – 78633/78634

General

These instructions apply to mounting beams 78633-01 (aft) and 78634-01 (forward) for AS350/AS355 cargo baskets. Refer to the following drawings, at the current revision, for dimensions and details:

78633, Revision 1 – Aft Beam

78634, Revision 1 – Forward Beam

Work Order: 2016-16

Batch Quantity: 12 LH AFT 12 RH AFT 24 FWD Complete
(initial or SCA #)

Date Open: 19 JAN 2016

1. Beam Fabrication – 1x2 tubes – 78633-01 / 78634-01

- Cut 1 x 2 x 0.065 material as indicated on drawings.
 - 78633-02 – 24.44"
 - 78634-02 – 24.25"
- Cut 1 x 2 x 0.120 material @ 16.38" long for upper guide (10).
- Record material PO on attached material list.
- De-burr cut ends using a sanding disc on a die-grinder. De-burr inside with de-burring tool.
- Remove writing on tubes with acetone.
- Tag in-progress parts and place on in-progress shelf in machine shop for CNC machining of keyways, slots, and bushing holes.

2. CNC Machining – 78633-01 / 78634-01

- Run CNC programs to machine slots and holes in 78633-02 tubes and 78634-02 tubes.
- Run CNC programs to machine blanks for upper guides.
- De-burr slots and holes.
- Tag in-progress parts and place on in-progress shelf in welding shop for welding.

3. Beam Fabrication – Components – 78633-01

Note: Some components are used for many different beams and are made in batches on separate component work orders. Check stock before making components.

- Shear caps from 0.025" sheet: 78633-06
- Cut 78633-03 guides from 1x1/8 stock.
- Cut and turn 78630-04 bushings from 3/8 x 0.065 tube:
 - Cut stock to length + 0.03-0.06".
 - Face one end flat @ 1000 RPM.
 - De-burr outside with a file and inside with de-burring tool at 300 RPM.
 - Setup stop and face other end to length @ 1000 RPM.
 - De-burr outside with a file and inside with a de-burring tool at 300 RPM.
- Cut 78633-04 upper guides from blanks machined in step 2.b.
- Cut 78633-05 stop brackets from 0.75 x 0.065 tube.
- Cut 82735-03 step tubes from 1.0 x 0.035 tube.
- Punch 82735-06 step cap from 0.050 sheet, 1.25 diameter. Flatten on steel table with a hammer.

- h. Record component POs / WOs on attached material list and place on in-progress shelf in welding shop.

4. Beam Fabrication – Components – 78634-01

AD-07

Note: Some components are used for many different beams and are made in batches on separate component work orders. Check stock before making components.

- a. Shear caps from 0.025" sheet: 78634-04.
- b. Cut 78634-03/78634-11/78634-12 pads from 1x1/8 stock.
- c. Cut and turn 69830-11 guide tubes from $\frac{3}{4}$ x 0.065 tube:
 - i. Cut stock to length + 0.03-0.06".
 - ii. Face one end flat @ 1000 RPM.
 - iii. De-burr outside with a file and inside with de-burring tool at 300 RPM.
 - iv. Setup stop and face other end to length @ 1000 RPM.
 - v. De-burr outside with a file and inside with a de-burring tool at 300 RPM.
- d. Cut 69830-07 blocks.
- e. Record component POs / WOs on attached material list and place on in-progress shelf in welding shop.

5. Beam Welding – 78633-01

AD-05

- a. TIG weld 78633-03 guide, 4 places, and 78633-04 upper guide into 78633-02 tubes using ER308L rod.
 - i. Clamp two beams back to back with 1/8" spacer in middle to pre-stress beams prior to welding.
- b. Record component and welding rod POs / WOs on attached material list.
- c. Tag in-progress parts for straightening.

6. Beam Welding – 78634-01

AD-05

- a. TIG weld 78634-04 pad, 3 places; 78634-11 pad, 1 place; and 78634-12 pad, 1 place, into 78634-02 tube.
 - i. Clamp two beams back to back with 1/8" spacer in middle to pre-stress beams prior to welding.
- b. Record component and welding rod POs / WOs on attached material list.
- c. Tag in-progress parts and place on in-progress shelf in welding shop for straightening.

7. Beam Straightening – 78633-01 / 78634-01

AD-07

Welding on one side of the beam causes the beam to curve. Beams must be straight prior to machining slots.

- a. Set beam on blocks as far apart as possible on hydraulic press.
- b. Use a 2" block to distribute press loads.
- c. Gradually work up to pressure required to make beam straight, usually about 800 psi is required. The same pressure generally works for beams from the same batch.
- d. Check for straight with a straight edge on back of tube.
- e. 78633-01 aft beams may require straightening on side as well, repeat steps a-d on side, using about 600 psi.
- f. Tag in-progress parts and place on in-progress shelf in CNC shop for machining.

AD-02

8. CNC Machining – 78633-01 / 78634-01

- a. Run CNC programs to machine keyways and slots in 78633-02 tubes with guides welded in place, after straightening.
- b. Run CNC programs to machine keyways and slots in 78634-02 tubes with pads welded in place, after straightening.
- c. De-burr keyways and slots.
- d. Tag in-progress parts and place on in-progress shelf in welding shop for welding.

9. Beam Welding – 78633-01

AD-05

- a. Peg step: TIG weld 82735-06 cap to 82735-03 tube using jig to align cap to tube.
- b. TIG weld 78633-04 bushings into 78633-02 tube using ER308L rod, four places per tube, both sides.
- c. TIG weld 78633-05 stop bracket to 78633-02 tube using ER308L rod, four places per tube, both sides. Use jig to align stop brackets for height and position.
- d. TIG weld 78633-06 cap to 78633-02 tube.
- e. TIG weld step tube assembly from a. to back of 78633-02 tube using jig for alignment. Weld around step tube as far as possible, then close out tube by flattening protruding edge of step tube with a hammer. Complete weld after flattening.
- f. Record component and welding rod POs / WOs on attached material list.
- g. Tag in-progress parts and place on in-progress shelf in welding shop for straightening.

10. Beam Welding – 78634-01

AD-05

- a. TIG weld 69830-11 guide tubes into 78634-02 tubes using ER308L rod, two places per down tube. Use jig to align guide tube to keyway and hole. Grind rosette welds flush.
- b. TIG weld 78633-04 bushings into 78634-02 tube using ER308L rod, four places per tube, both sides.
- c. TIG weld 69830-11 block to 78634-02 tube over 3rd keyway (see drawing) using ER308L rod.
- d. TIG weld 78634-04 cap to 78634-02 tube. Ensure 0.25" gap between cap and pad for basket fitting to enter top keyway.
- e. Record component and welding rod POs / WOs on attached material list.
- f. Tag in-progress parts and place on in-progress shelf in welding shop for straightening.

11. Beam Finishing – 78633-01 / 78634-01

AD-07

Welding on one side of the beam causes the beam to curve. Beams must be straight prior to powder coating.

- a. Set beam on blocks on hydraulic press. Straightening in sections may be required depending on severity of curve.
- b. Use a 2" block to distribute press loads.
- c. Gradually work up to pressure required to make beam straight, usually about 800 psi is required. The same pressure generally works for beams from the same batch.
- d. Check for straight with a straight edge on back of tube.
- e. 78633-01 aft beams may require straightening on side as well, repeat steps a-d on side, using about 600 psi.
- f. Drill out bushings to F (0.257"), four places per beam, on drill press.
- g. Break sharp edges on stops and flatten bushing locations using sanding disc on die-grinder.
- h. Tag in-progress parts and place on in-progress shelf in welding shop for inspection.

12. Final Inspection – 78633-01 / 78634-01

To be completed by a different person than the previous steps.

- a. Inspect beams 78633-01 and 78634-01 for conformity to drawings.
- b. Tag in-progress parts ready for powder coating.

13. Powder Coating

- a. Parts are to be powder coated white in accordance with commercial practices.
- b. Record powder coating PO.
- c. Inspect powder coating on receiving.
- d. Tag in-progress parts ready for final assembly.

14. Final Assembly – 78633-01

To be completed after powder coating.

- a. Prepare step tube for grip tape by rubbing top surface with scotch-brite.
- b. Adhere 1" 3M Safety-Walk grip tape to top surface of step tube.
- c. Adhere P/N placard to back surface of beam.
- d. Ensure AN4 bolt can be inserted through bushings.
- e. Green tag complete beam assembly and place into stock.

15. Final Assembly – 78634-01

To be completed after powder coating.

- a. Clear powder coat from stop pin hole(s) with 5/16 (#4) centre drill.
- b. For 776 (short), 764 (medium) or 784 (long) basket installation: Install #10-32 x 3" countersunk screw, 69830-21 stop, and 69830-23 spring into UPPER guide with 69830-22 knob and MS21044C3 nut. Check for function.
- c. For 940 (extra large) basket installation: Install #10-32 x 3" countersunk screw, 69830-21 stop, and 69830-23 spring into LOWER guide with 69830-22 knob and MS21044C3 nut. Check for function.
- d. If maintenance step is to be installed: Install #10-32 x 3" countersunk screw, 69830-21 stop, and 69830-23 spring into LOWER guide with 69830-22 knob and MS21044C3 nut. Check for function.
- e. Adhere P/N placard to back surface of beam.
- f. Green tag complete beam assembly and place into stock.

Work Order: 2016-16Material Tracking Sheet
Eurocopter AS350/AS355 Forward Mounting Beam

1 of 2

Date Opened: 19 JAN 2016

Ass'y Step	Qty	Detail Drawing	Part Number	Description	Material	PO/WO
<i>QC. 27</i>	<i>40</i>		78634-01-00	Forward Beam Assembly		
Step 1				<i>Fabrication</i>		
	. 1		78634-02	Tube	1x2x0.065 Tube, 304 Stainless Steel	<i>15054</i>
Step 2				<i>Machning</i>	<i>None</i>	
Step 4				<i>Fabrication</i>		
	. 3		78634-03	Pad	1x0.125 Bar, 304 Stainless Steel	<i>15073</i>
	. 1		78634-11	Pad	1x0.125 Bar, 304 Stainless Steel	<i>15073</i>
	. 1		78634-12	Pad	1x0.125 Bar, 304 Stainless Steel	<i>15073</i>
	. 1		78634-04	Cap	0.025" Sheet, 321 Stainless Steel	<i>10037</i>
	. 4		78630-04	Bushing	0.375 x 0.065 Tube, 304 Stainless Steel	<i>15073</i>
	. 2	69830	69830-11	Guide	0.75 x 0.065 Tube, 304 Stainless Steel	<i>14103</i>
Step 6				<i>Welding</i>		
	. A/R		--	Welding Rod	ER308L	
Step 7				<i>Straightening</i>	<i>None</i>	
Step 8				<i>Machning</i>	<i>None</i>	
Step 10				<i>Welding</i>		
	. A/R		--	Welding Rod	ER308L	
Step 11				<i>Finishing</i>	<i>None</i>	
Step 12				<i>Final Inspection</i>	<i>None</i>	
Step 13				<i>Powder Coating</i>		

Work Order: 2016-16Material Tracking Sheet
Eurocopter AS350/AS355 Forward Mounting Beam

2 of 2

Date Opened: 19 JAN 2016

Ass'y Step	Qty	Detail Drawing	Part Number	Description	Material	PO/WO
Step 15				<i>Final Assembly</i>		
	. 2	69830	69830-21	Stop	0.625 Rod, 6061-T6 Aluminum	
	. 2	69830	69830-22	Knob	0.75 Rod, 6061-T6 Aluminum	
	. 2	69830	69830-23	Spring	15mm x 70mm Spring, Stainless Steel	
	. 2		69830-1032X3	3" #10-32 C'sunk screw	Stainless Steel	
	. 2		MS21044C3	Nut		
	. 1		--	P/N Placard	TZ Tape, 1/2", black on white	

Work Order: 2016-16Material Tracking Sheet
Eurocopter AS350/AS355 Aft Mounting Beam

LH

1 of 2

Date Opened: 19 JAN 2016

Ass'y Step	Qty	Detail Drawing	Part Number	Description	Material	PO/WO
<u>JK-20</u>	<u>35</u>		<u>78633-01-02</u>	Aft Beam Assembly	(XX = -01 RH, -02 LH)	
Step 1				<i>Fabrication</i>		
	. 1		78633-02	Tube	1x2x0.065 Tube, 304 Stainless Steel	<u>15054</u>
	. 1		78633-04	Upper Guide	1x2x0.12 Tube, 304 Stainless Steel	<u>15073</u>
Step 2				<i>Machning</i>	<i>None</i>	
Step 3				<i>Fabrication</i>		
	. 4		78633-03	Guide	1x0.125 Bar, 304 Stainless Steel	<u>15073</u>
	. 4		78633-05	Stop Bracket	0.75x0.065 Sqr. Tube, 304 Stainless	<u>15038</u>
	. 1		78633-06	Cap	0.025" Sheet, 321 Stainless Steel	<u>3021</u>
	. 4		78630-04	Bushing	0.375 x 0.065 Tube, 304 Stainless Steel	15054 <u>15073</u>
	. 1		82735-03	Tube	1.0 x 0.035 Tube, 316 Stainless Steel	<u>14103</u> / <u>15073</u>
	. 1		82735-06	Cap	0.050 Sheet, 321 Stainless Steel	<u>3021</u>
Step 5				<i>Welding</i>		
	. A/R			Welding Rod	ER308L	<u>14028</u>
Step 7				<i>Straightening</i>	<i>None</i>	
Step 8				<i>Machning</i>	<i>None</i>	
Step 9				<i>Welding</i>		
	. A/R			Welding Rod	ER308L	<u>14028</u>
Step 11				<i>Finishing</i>	<i>None</i>	
Step 12				<i>Final Inspection</i>	<i>None</i>	
Step 13				<i>Powder Coating</i>		
		Detail				

Work Order: 2016-16

Material Tracking Sheet
Eurocopter AS350/AS355 Aft Mounting Beam

2 of 2

Date Opened: 19 JAN 2016

Ass'y Step	Qty	Drawing	Part Number	Description	Material	PO/WO
Step 14				<i>Final Assembly</i>		
	. 1		--	Grip Tape	1" 3M Safety Walk	
	. 1		--	P/N Placard	TZ tape, 1/2", white on black	

Work Order: 2016-16Material Tracking Sheet
Eurocopter AS350/AS355 Aft Mounting Beam

RH

1 of 2

Date Opened: 19 JAN 16

Ass'y Step	Qty	Detail Drawing	Part Number	Description	Material	PO/WO
JC. 1	15		78633-01-01	Aft Beam Assembly	(XX = -01 RH, -02 LH)	
Step 1				Fabrication		
	. 1		78633-02	Tube	1x2x0.065 Tube, 304 Stainless Steel	15054
	. 1		78633-04	Upper Guide	1x2x0.12 Tube, 304 Stainless Steel	15073
Step 2				Machning	None	
Step 3				Fabrication		
	. 4		78633-03	Guide	1x0.125 Bar, 304 Stainless Steel	15073
	. 4		78633-05	Stop Bracket	0.75x0.065 Sqr. Tube, 304 Stainless	15038
	. 1		78633-06	Cap	0.025" Sheet, 321 Stainless Steel	3021
	. 4		78630-04	Bushing	0.375 x 0.065 Tube, 304 Stainless Steel	15073
	. 1		82735-03 78633-08	Tube	1.0 x 0.035 Tube, 316 Stainless Steel	14103/15073
	. 1		82735-06 78633-09	Cap	0.050 Sheet, 321 Stainless Steel	3021
Step 5				Welding		
	. A/R			Welding Rod	ER308L	14028
Step 7				Straightening	None	
Step 8				Machning	None	
Step 9				Welding		
	. A/R			Welding Rod	ER308L	14028
Step 11				Finishing	None	
Step 12				Final Inspection	None	
Step 13				Powder Coating		
		Detail				

Work Order: 2016-16

Material Tracking Sheet
Eurocopter AS350/AS355 Aft Mounting Beam

2 of 2

Date Opened: 19 JAN 2016

Ass'y Step	Qty	Drawing	Part Number	Description	Material	PO/WO
Step 14				<i>Final Assembly</i>		
	. 1		--	Grip Tape	1" 3M Safety Walk	
	. 1		--	P/N Placard	TZ tape, 1/2", white on black	



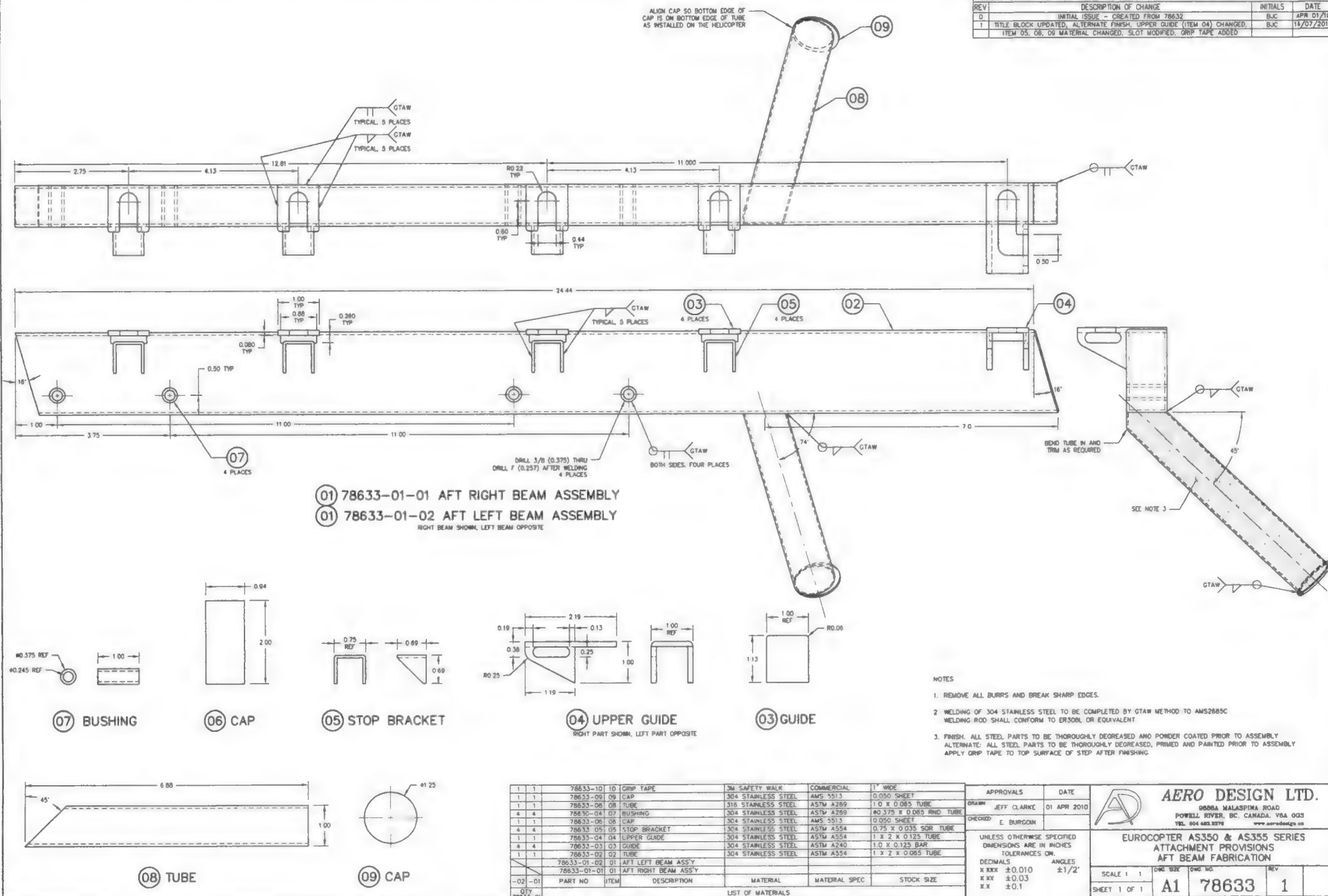
WO# 2016-16

Approved Manufacturing Facility 73-04

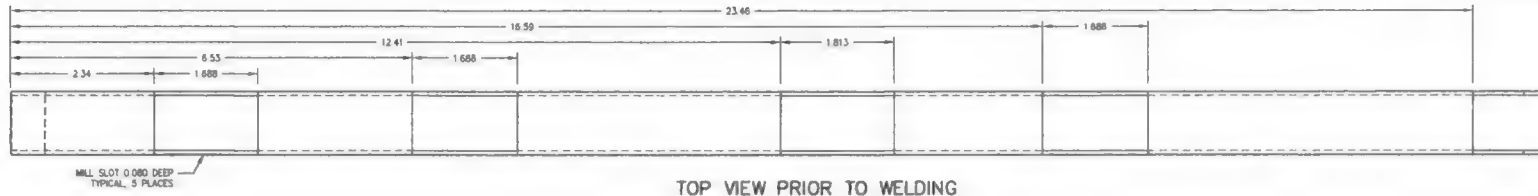
Form 20.F.06

Rev. Original 27 May 2013

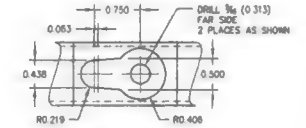
REV	DESCRIPTION OF CHANGE	INITIALS	DATE
0	INITIAL ISSUE - CREATED FROM 78632	BUC	APR 01/11
1	TITLE BLOCK UPDATED, ALTERNATE FINISH, UPPER GUIDE (ITEM 04) CHANGED. ITEM 05 OR DO MATERIAL CHANGED, SLOT MODIFIED, GRIP TAPE ADDED	BUC	15/07/2011



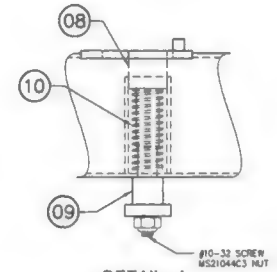
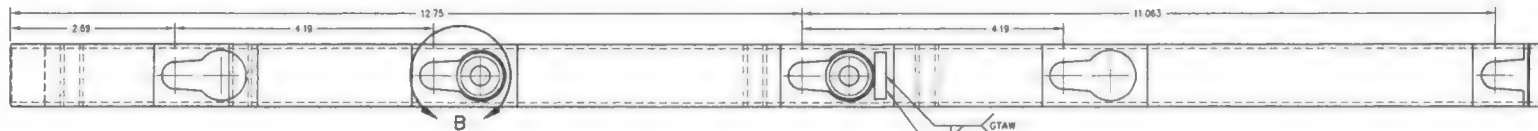
REV	DESCRIPTION OF CHANGE	INITIALS	DATE
0	INITIAL ISSUE - CREATED FROM 78632	BJC	APR 01/10
1	WELD BLOCK UPDATED, PADS (ITEM 11, 12) ADDED, ALTERNATE FINISH CAP (ITEM 04) MATERIAL CHANGED, SLOT DEPTH INCREASED	BJC	14/07/2014
2	SECOND WELD ADDED TO GUIDE TUBE	BJC	06/01/2018



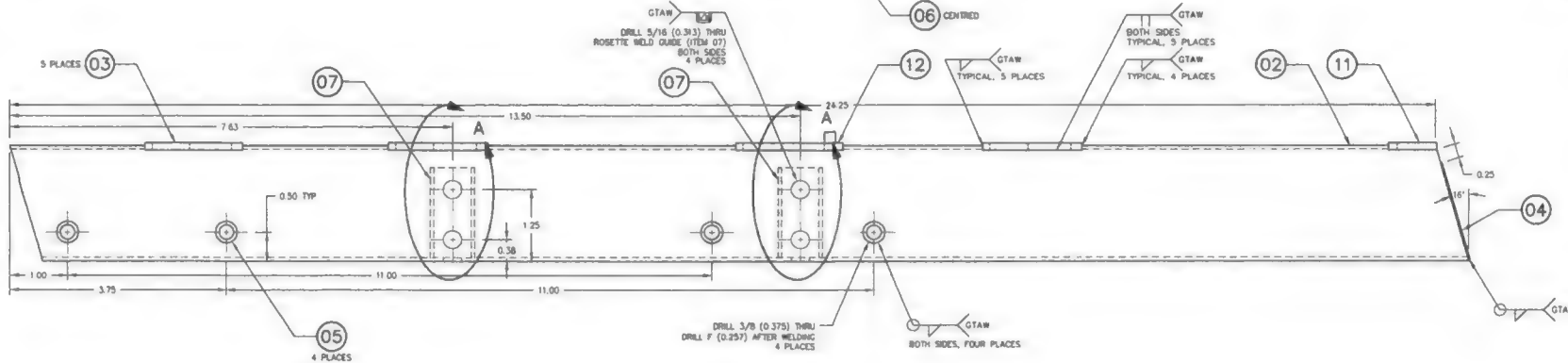
TOP VIEW PRIOR TO WELDING



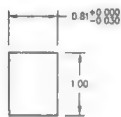
DETAIL B
TYPICAL ALL KEYWAYS



DETAIL A
ASSEMBLY AFTER FINISHING



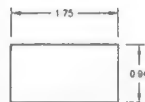
01 78634-01-00 BEAM ASSEMBLY



11 PAD



12 PAD



04 CAP



05 BUSHING



03 PAD

QTY	PART NO	ITEM	DESCRIPTION	MATERIAL	MATERIAL SPEC	STOCK SIZE
1	78634-12	12	PAD	304 STAINLESS STEEL	ASTM A240	1.0 X 0.125 BAR
1	78634-11	11	PAD	304 STAINLESS STEEL	ASTM A240	1.0 X 0.125 BAR
2	MS21044C3		NUT	304 STAINLESS STEEL	COMMERCIAL	15mm X 70mm SPRING
2	#10-32		C/SUNK SCREW	STAINLESS STEEL	COMMERCIAL	90 75 ROD
2	69830-23	23	TO SPRING	STAINLESS STEEL	COMMERCIAL	90 75 ROD
2	69830-22	22	KNOB	6061-T6 ALUMINUM	6061-T6 ALUMINUM	90 75 ROD
2	69830-21	21	STOP	6061-T6 ALUMINUM	6061-T6 ALUMINUM	90 75 ROD
2	69830-11	07	GUIDE	304 STAINLESS STEEL	ASTM A240	90 75 X 0.063 RND TUBE
1	69830-07	06	BLOCK	304 STAINLESS STEEL	ASTM A479	0.188 SQ. ROD
4	78634-04	05	BUSHING	304 STAINLESS STEEL	ASTM A240	90 375 X 0.063 RND TUBE
1	78634-04	04	CAP	304 STAINLESS STEEL	ASTM A240	1.0 X 0.125 BAR
1	78634-03	03	PAD	304 STAINLESS STEEL	ASTM A240	1.0 X 0.125 BAR
1	78634-02	02	TUBE	304 STAINLESS STEEL	ASTM A534	1 X 2 X 0.065 TUBE
1	78634-01-00	01	BEAM ASSEMBLY			

LIST OF MATERIALS

NOTES

- REMOVE ALL BURRS AND BREAK SHARP EDGES.
- WELDING OF 304 STAINLESS STEEL TO BE COMPLETED BY GTAW METHOD TO AMS2085C. WELDING ROD SHALL CONFORM TO ER308L OR EQUIVALENT.
- FINISH ALL STEEL PARTS TO BE THOROUGHLY DEGREASED AND POWDER COATED PRIOR TO ASSEMBLY. ALTERNATE: ALL STEEL PARTS TO BE THOROUGHLY DEGREASED, PRIMED AND PAINTED PRIOR TO ASSEMBLY.

APPROVALS	DATE
DRAWN: JEFF CLARKE	01 APR 2010
CHECKED: E BURGON	06 JUN 2010

<p>AERO DESIGN LTD. 8808A MALASPORA ROAD POWELL RIVER, BC, CANADA, V8A 0G3 TEL: 604-685-5276 www.aerodesign.ca</p>		<p>AIRBUS HELICOPTERS AS350 & AS355 SERIES ATTACHMENT PROVISION FORWARD BEAM FABRICATION</p>	
		<p>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: DECIMALS ±0.010 X.XX ±0.03 X ±0.1</p>	<p>ANGLES ±1/2°</p>
SCALE 1:1	DWG SIZE A1	DWG NO 78634	REV 2
SHEET 1 OF 1			

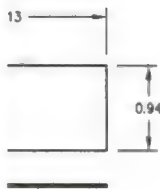
REV	DESCRIPTION OF CHANGE	INITIALS	DATE
1	BEAM MODIFIED TO ACCOMMODATE SLIDING DOOR	BUC	06/08/2001
2	BEAM MODIFIED FOR 2 KEYWAY ATTACHMENT	BUC	06/11/2001
3	KEYWAY ADDED FOR STEP INSTALLATION	BUC	11/07/2001

[illegible]

2016-16



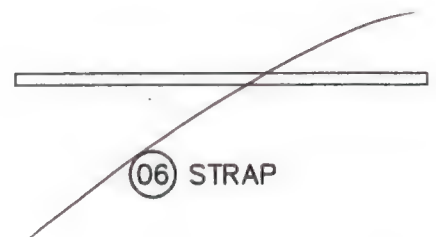
BUSHING



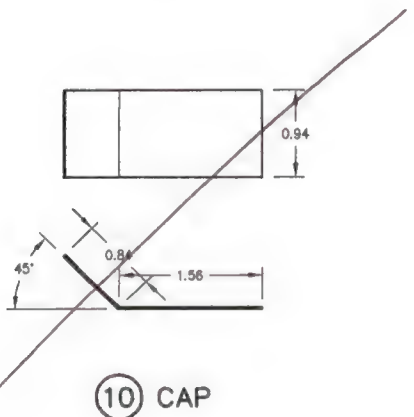
CAP



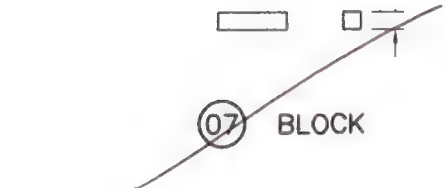
1) KNOB



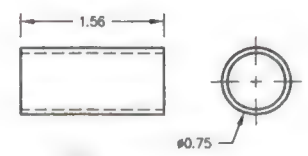
06 STRAP



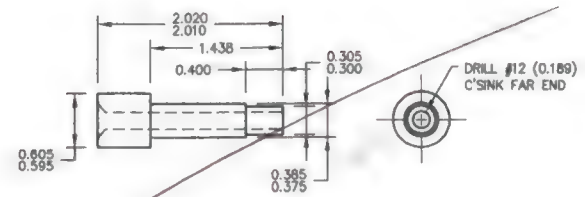
10 CAP



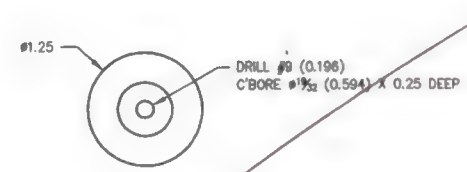
07 BLOCK



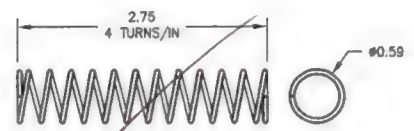
11 GUIDE



12 STOP

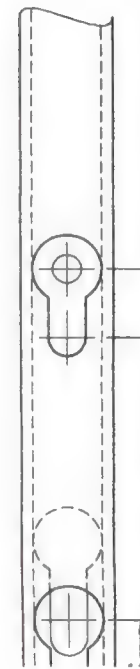


08 KNOB



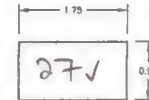
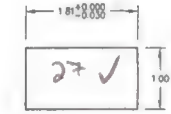
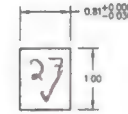
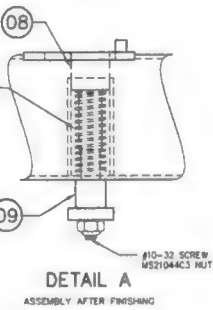
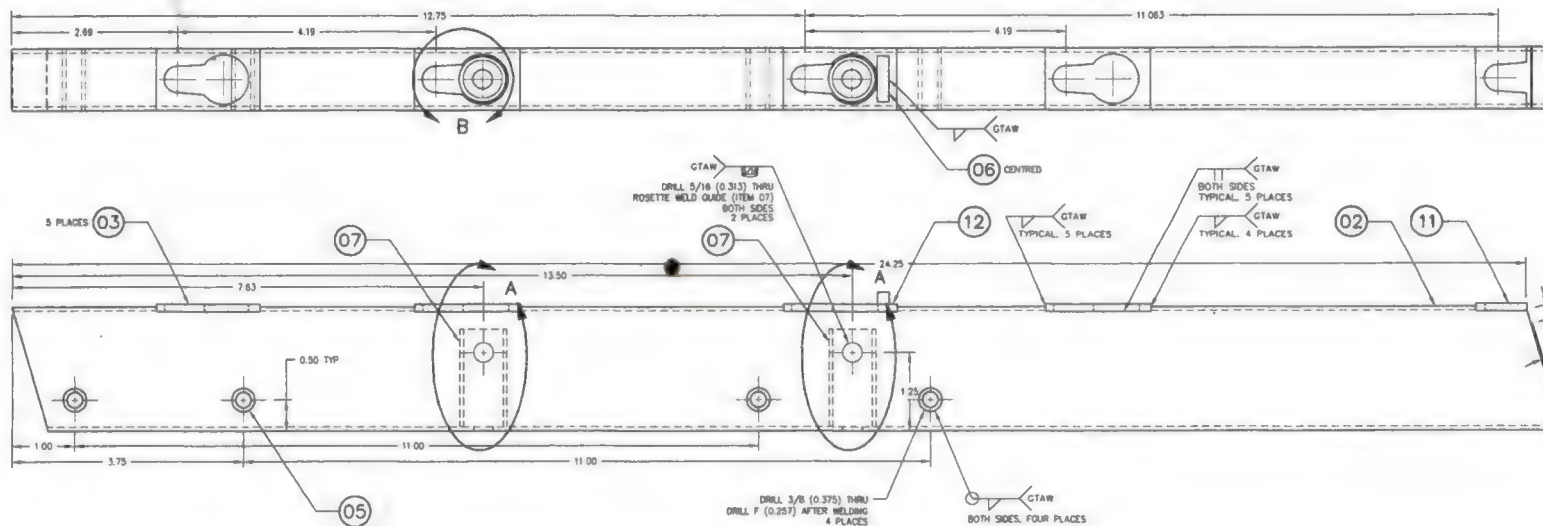
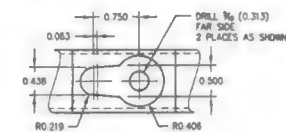
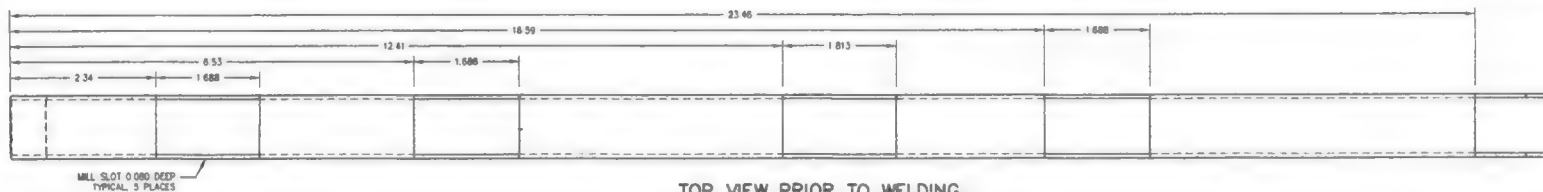
14 SPRING

69830 Rev 3 JC



2016-16

REV	DESCRIPTION OF CHANGE	INITIALS	DATE
0	INITIAL ISSUE - CREATED FROM 78632	BUC	APR 01/10
1	TITLE BLOCK UPDATED, PADS (ITEM 11, 12) ADDED, ALTERNATE FINISH CAP (ITEM 04) MATERIAL CHANGED, SLOT DEPTH INCREASED	BUC	16/07/2014



QTY	PART NO	ITEM	DESCRIPTION	MATERIAL	MATERIAL SPEC	STOCK SIZE
1	78634-12	12	PAD	304 STAINLESS STEEL	ASTM A240	1.0 X 0.125 BAR
1	78634-11	11	PAD	304 STAINLESS STEEL	ASTM A240	1.0 X 0.125 BAR
2	MS21044C3		NUT	304 STAINLESS STEEL	COMMERCIAL	
2	#10-32		C/SUNK SCREW	304 STAINLESS STEEL	COMMERCIAL	15mm X 70mm SPRING
2	69830-23	10	SPRING	STAINLESS STEEL	COMMERCIAL	15mm X 70mm SPRING
2	69830-22	09	KNOB	6061-T6 ALUMINUM	QQ-A-200/B	Ø0.75 ROD
2	69830-21	08	STOP	6061-T6 ALUMINUM	QQ-A-200/B	Ø0.525 ROD
2	69830-11	07	GUIDE	304 STAINLESS STEEL	ASTM A269	Ø0.75 X 0.085 RND TUBE
1	69830-07	06	BLOCK	304 STAINLESS STEEL	ASTM A479	Ø188 SQR ROD
4	78634-04	05	BUSHING	304 STAINLESS STEEL	ASTM A269	Ø0.375 X 0.085 RND TUBE
1	78634-04	04	CAP	304 STAINLESS STEEL	AMS 5513	0.050 SHEET
3	78634-03	03	PAD	304 STAINLESS STEEL	ASTM A240	1.0 X 0.125 BAR
1	78634-02	02	TUBE	304 STAINLESS STEEL	ASTM A554	1.0 X 2.0 X 0.085 TUBE
1	78634-01-00	01	BEAM ASSEMBLY			

NOTES

1. REMOVE ALL BURRS AND BREAK SHARP EDGES
2. WELDING OF 304 STAINLESS STEEL TO BE COMPLETED BY GTAW METHOD TO AWS2685C. WELDING ROD SHALL CONFORM TO ER308L OR EQUIVALENT
3. FINISH: ALL STEEL PARTS TO BE THOROUGHLY DEGREASED AND POWDER COATED PRIOR TO ASSEMBLY. ALTERNATE: ALL STEEL PARTS TO BE THOROUGHLY DEGREASED, PRIME AND PAINTED PRIOR TO ASSEMBLY.

APPROVALS	DATE	DATE
DRAWN: JEFF CLARKE	01 APR 2010	
CHECKED: E. BURGIN		
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON:		
DECIMALS	ANGLES	
X.XXX ±0.010	±1/2°	
X.XX ±0.03		
X.X ±0.1		

AERO DESIGN LTD.		8086A MALASPINA ROAD POWELL RIVER, BC, CANADA, V8A 0G3 TEL. 604 483.3270 www.aerodesign.ca	
EUROCOPTER AS350 & AS355 SERIES ATTACHMENT PROVISION FORWARD BEAM FABRICATION		1" SCALE 1:1	
SHEET 1 OF 1		A1 78634 1	

MINOR CHANGE REPORT

MCR78634-1

AIRBUS HELICOPTERS AS350/AS355

FORWARD MOUNTING BEAM

Additional rosette weld on guide tubes

Prepared by: Jeff Clarke P.Tech.(Eng.)

Revision 0, 06 January 2016

Aero Design Ltd.



9888A Malaspina Road, Powell River, BC, V8A 0G3

Phone: 604-483-2376

Fax: 604-483-2372

www.aerodesign.ca

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1.0 INTRODUCTION

The forward mounting beam incorporates the quick release mechanism for mounting a cargo basket or other components on the AS350. One operator has noted that following landing in deep snow the guide tube in the forward mounting beam was deflected, making release of the basket difficult due to mis-alignment of the stop pin.

This change is to add additional rosette welds to support the guide tube.

2.0 MANUFACTURING REVIEW BOARD ATTENDEES

The following individuals from the Manufacturing Review Board were included in this review:

Jason Rekve – PRM

Jeff Clarke – Quality Assurance Manager, Engineering Technologist

3.0 DETAILS OF MINOR CHANGE

3.1 Affected Parts / Assemblies

Original drawing: 78634, Revision 1

Part number: 78634-01-00

Description: Forward Beam, AS350

3.2 Description of Change

1. Add rosette weld 1" below existing rosette weld on both sides.

4.0 ASSESSMENT

4.1 Impact Assessment

All sections must be answered with a yes or no.

Assessment Criteria	Y/N
(a) Operating Limitations	
Does the change involve or require a revision in the operating limitations specified in the approved type design?	No
(b) Structural Strength	
Does the change alter:	
(1) a principal component of the aircraft structure such as a frame, stringer, rib, spar, skin or rotor blade?	No
(2) a life-limited part or a structural element that is subject to a damage tolerance assessment or fail-safe evaluation?	No
(3) the strength or structural stiffness of a pressure vessel?	No
(4) the mass distribution in a structural element?	No
(5) a containment or restraint system intended for occupants or the storage of items of mass (e.g. cargo)?	No
(6) the structure of seats, harnesses, or their means of attachment?	No
(c) Powerplant Operation	
Does the change:	
(1) affect the power output or control qualities of the powerplant, engine, propeller, or their accessories?	No
(2) alter the approved operating limitations?	No
(d) Performance and Flight Characteristics	
Does the change involve alterations that:	
(1) significantly increase drag or exceed aerodynamic smoothness limits?	No
(2) significantly alter thrust or power output?	No
(3) affect stability or controllability?	No
(4) induce flutter or vibration?	No
(5) affect the stall characteristics?	No
(e) Other Qualities Affecting Airworthiness	
Does the change:	
(1) change the information on, or the location of, a placard required by the type design or an Airworthiness Directive?	No
(2) alter any information contained in the approved section of the aircraft flight manual or equivalent publication?	No
(3) affect the flight-crew's visibility or their ability to control the aircraft?	No
(4) affect egress from the aircraft?	No
(5) reduce the storage capacity of an oxygen system, or alter the oxygen rate of flow?	No
(6) affect flight controls or an autopilot?	No
(7) alter an electrical generation device, or the electrical distribution system between the generating source and either its primary distribution bus, or any other bus designated as an essential bus?	No
(8) reduce the storage capacity of the primary battery?	No
(9) affect a communication system required by the approved type design?	No
(10) affect instruments, or indicators that are installed as part of a system required by the approved type design?	No
(f) Other Qualities Affecting Environmental Characteristics	
Does the change increase aircraft noise levels or emissions?	No

• 5.0 CERTIFICATION BASIS

Aircraft: Airbus Helicopters AS350/AS355, TCDS H-83, H-87

Modification: Compliance Program CP940, Revision 1

Certification Basis: FAR Part 27, dated 2 October 1964, including amendments 27-1 through 27-20 plus specific paragraphs of amendment 27-21.

This change remains in compliance with the basis of certification established for the modification.

6.0 JUSTIFICATION

This modification is considered minor in accordance with CAR 521.154 for the following reasons:

1. The change has been assessed in accordance with the definition of major modification in accordance with CAR 571, and found to be an other than major modification, see section 4.1.

2. Analysis

The approved configuration has been demonstrated to support the upward loads specified in the regulations with one rosette weld on both sides of the beam.

This operator is using the basket for heli-ski operations, landing in snow. Many operators use this model of cargo basket for the same operation. Deflection of the stop pin has not been reported by any other operators.

The existing welds on the guide tube are located near the top end of the guide. When the basket is loaded upward on landing in snow, the attachment lug pushes on the side of the stop pin, which then causes the guide tube to rotate on the single rosette weld, until the stop pin touches the far side of the keyway. To resist rotation, an additional rosette weld is added near the bottom of the guide tube.

Strength of the modified beam is increased over the existing approved configuration. Weight change is negligible.

7.0 IMPLEMENTATION

7.1 Short Term

1. New parts may be fabricated in accordance with revised drawing 78634, Revision 2, until such time as the approval documents can be revised (see long term). This report may be referenced as justification.

For the reasons listed in section 6.0

Approved:  06 Jan 16
Person Responsible for Manufacturing Date

7.2 Long Term

1. Revise document control list DCL786-3 to include drawing 78634, Revision 2. Include on approval at next re-issue.

Approved:  06 Jan 16
Person Responsible for Manufacturing Date

8.0 DOCUMENT CONTROL

The following documents have been included with or attached to the original work order file (initial):

	Electronic	Hardcopy
This report	<input checked="" type="checkbox"/> by: <u></u>	<input checked="" type="checkbox"/> by: <u></u>
Drawing 78634, Revision 2	<input checked="" type="checkbox"/> by: <u></u>	<input checked="" type="checkbox"/> by: <u></u>

**Aero Design Ltd.**

9888 A Malaspina Rd. Powell River, BC, V8A 0G3

Phone: 604-483-2376 Fax: 604-483-2372 E-mail: info@aerodesign.ca

AMF 73-04

Nomenclature: Forward Beam No. of pieces: 27Manufacturer: Aero Design LtdPart No.: 78634-01-00 Serial / Batch No.: 15054TTSN: NA TSO: NA Rem.: NAWork Order No.: 2016-16Remaining Tasks to be Performed: Machining, WeldingDual, Powder OKSignature: Dan BittDate: Jan 20th / 2016 Lic. No. / SCA AD07

Form# 20.E.03

Rev. 1 24 April 2014

In Process

**Aero Design Ltd.**

9888 A Malaspina Rd. Powell River, BC, V8A 0G3

Phone: 604-483-2376 Fax: 604-483-2372 E-mail: info@aerodesign.ca

AMF 73-04

Nomenclature: Aft Beam R/H No. of pieces: 7Manufacturer: Aero Design LtdPart No.: 78633-01-01 Serial/Batch No.: 15054TTSN: N/A TSO: N/A Rem.: N/AWork Order No.: 2016-16Remaining Tasks to be Performed: Dual, PowderSignature: Dan BittDate: Jan 20th / 2016 Lic. No. / SCA AD-07

Form# 20.E.03

Rev. 1 24 April 2014

In Process



Aero Design Ltd.

9888 A Malaspina Rd. Powell River, BC, V8A 0G3

Phone: 604-483-2376 Fax: 604-483-2372 E-mail: info@aerodesign.ca

AMF 73-04

In Process

Remarks



Aero Design Ltd.

9888 A Malaspina Rd. Powell River, BC, V8A 0G3

Phone: 604-483-2376 Fax: 604-483-2372 E-mail: info@aerodesign.ca

AMF 73-04

In Process

Remarks

1. Approving Civil Aviation Authority/Country Transport Canada		2. AUTHORIZED RELEASE CERTIFICATE FORM ONE			3. Form Tracking No. 2017-0046
4. Organization Name and Address AERO Design Ltd. – 9888A Malaspina Road, Powell River, BC, V8A 0G3					5. Work Order/Contract/Invoice WO 2016-16
6. Item 1.	7. Description Forward Beam	8. Part Number 78634-01-00	9. Qty. 1	10. Serial/Batch No. N/A	11. Status/Work New
12. Remarks Black					
13a. Certifies that the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non approved design data specified in block 12.			14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulation specified in block 12 Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations.		
13b. Signature <i>Jeff Clarke</i> AD 73-04 02		13c. Approved Organization Number AMF 73-04		14b. Signature	
13d. Name Jeff Clarke - AD02		13e. Date (dd/mm/yyyy) 20 Jan 2017		14c. Approved Organization Number	
				14d. Name	
				14e. Date (dd/mm/yyyy)	
<p align="center">Installer Responsibilities</p> <p>This certificate does not constitute authority to install.</p> <p>Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified.</p> <p>Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.</p>					

LAKESTORE HELICOPTERS



Aero Design Ltd.

9888 A Malaspina Rd., Powell River, BC
V8A 0G3, 604-483-AERO (2376)

Quantity:

1

PN:

78634-01-00

Aircraft:

Eurocopter

Model: AS350/355

Description:

Forward Beam

Supplier:

N/A

Color:

Black

WO#:

2016-16

PO#: N/A

Aero Design

Parts Distribution Sheet

LAKESHORE HILL

20 JAN 2017

WO# 2016-16

[illegible]

1. Approving Civil Aviation Authority/Country Transport Canada		2. AUTHORIZED RELEASE CERTIFICATE FORM ONE			3. Form Tracking No. 2017-0028
4. Organization Name and Address AERO Design Ltd. – 9888A Malaspina Road, Powell River, BC, V8A 0G3					5. Work Order/Contract/Invoice WO 2016-16
6. Item 1.	7. Description Forward Beam	8. Part Number 78634-01-00	9. Qty. 1	10. Serial/Batch No. N/A	11. Status/Work New
12. Remarks Black					
13a. Certifies that the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non approved design data specified in block 12.			14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulation specified in block 12 Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations.		
13b. Signature  AD 73-04 02		13c. Approved Organization Number AMF 73-04		14b. Signature 14c. Approved Organization Number	
13d. Name Jeff Clarke - AD02		13e. Date (dd/mm/yyyy) 13 Jan 2017		14d. Name 14e. Date (dd/mm/yyyy)	
Installer Responsibilities This certificate does not constitute authority to install. Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified. Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.					

PUMA AIR

EAGLE COPTERS SOUTH AMERICA S.A.



Aero Design Ltd.

**9888 A Malaspina Rd., Powell River, BC
V8A 0G3, 604-483-AERO (2376)**

Quantity:

1

PN:

78634-01-00

Aircraft:

Eurocopter

Model: AS350/355

Description:

Forward Beam

Supplier:

N/A

Color:

Black

WO#:

2016-16

PO#: N/A

Aero Design

Parts Distribution Sheet

Description: Beam Pin

WO#[illegible]

1. Approving Civil Aviation Authority/Country Transport Canada		2. AUTHORIZED RELEASE CERTIFICATE FORM ONE			3. Form Tracking No. 2016-0145	
4. Organization Name and Address AERO Design Ltd. – 9888A Malaspina Road, Powell River, BC, V8A 0G3					5. Work Order/Contract/Invoice WO 2016-16	
6. Item 1.	7. Description RH Aft Beam	8. Part Number 78633-01-01	9. Qty. 1	10. Serial/Batch No. N/A	11. Status/Work New	
12. Remarks						
13a. Certifies that the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non approved design data specified in block 12.				14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulation specified in block 12 Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations.		
13b. Signature 		13c. Approved Organization Number AD 73-04 02 AMF 73-04		14b. Signature		14c. Approved Organization Number
13d. Name Jeff Clarke - AD02		13e. Date (dd/mmm/yyyy) 07 Sept 2016		14d. Name		14e. Date (dd/mmm/yyyy)
<p align="center">Installer Responsibilities</p> <p>This certificate does not constitute authority to install.</p> <p>Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified.</p> <p>Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.</p>						

West Coast Heli



Aero Design Ltd.

9888 A Malaspina Rd., Powell River, BC
V8A 0G3, 604-483-AERO (2376)

Quantity:

1

PN:

78633-01-01

Aircraft:

Eurocopter

Model: AS350/355

Description:

R.H. AFT Beam

Supplier:

Aero Design

Color:

White

WO#:

2016-16

PO# N/A



WO# _____

Approved Manufacturing Facility 73-04

Form 20.F.06

Rev. Original 27 May 2013

1. Approving Civil Aviation Authority/Country Transport Canada		2. AUTHORIZED RELEASE CERTIFICATE FORM ONE			3. Form Tracking No. 2016-0139
4. Organization Name and Address AERO Design Ltd. – 9888A Malaspina Road, Powell River, BC, V8A 0G3					5. Work Order/Contract/Invoice WO 2016-16
6. Item 1.	7. Description RH Aft Beam	8. Part Number 78633-01-01	9. Qty. 1	10. Serial/Batch No. N/A	11. Status/Work New
12. Remarks					
13a. Certifies that the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non approved design data specified in block 12.			14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulation specified in block 12 Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations.		
13b. Signature <i>Jeff Clarke</i> AD 73-04 02		13c. Approved Organization Number AMF 73-04		14b. Signature 14c. Approved Organization Number	
13d. Name Jeff Clarke - AD02		13e. Date (dd/mm/yyyy) 22 Aug 2016		14d. Name 14e. Date (dd/mm/yyyy)	
<p align="center">Installer Responsibilities</p> <p>This certificate does not constitute authority to install.</p> <p>Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified.</p> <p>Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.</p>					

HIGH TERRAIN



Aero Design Ltd.

9888 A Malaspina Rd., Powell River, BC
V8A 0G3, 604-483-AERO (2376)

Quantity: 1
PN: 78633-01-01
Aircraft: Eurocopter
Description: R.H. AFT Beam
Supplier: Aero Design
Color: White
WO#: 2016-16

Model: AS350/355

PO# N/A


Aero Design

Parts Distribution Sheet

Description: AS350 Beams

WO# _____

[illegible]

1. Approving Civil Aviation Authority/Country Transport Canada		2. AUTHORIZED RELEASE CERTIFICATE FORM ONE			3. Form Tracking No. 2016-0124
4. Organization Name and Address AERO Design Ltd. – 9888A Malaspina Road, Powell River, BC, V8A 0G3					5. Work Order/Contract/Invoice WO 2016-16
6. Item 1.	7. Description Forward Beam	8. Part Number 78634-01-00	9. Qty. 1	10. Serial/Batch No. N/A	11. Status/Work New
12. Remarks					
13a. Certifies that the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non approved design data specified in block 12.			14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulation specified in block 12. Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations.		
13b. Signature 		13c. Approved Organization Number AMF 73-04		14b. Signature	
13d. Name Jeff Clarke - AD02		13e. Date (dd/mm/yyyy) 10 Aug 2016		14c. Approved Organization Number	
				14d. Name	
				14e. Date (dd/mm/yyyy)	
Installer Responsibilities					
This certificate does not constitute authority to install. Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified. Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.					

HELI EXPRESS



Aero Design Ltd.

9888 A Malaspina Rd., Powell River, BC
V8A 0G3, 604-483-AERO (2376)

Quantity:

1

PN:

78634-01-00

Aircraft:

Eurocopter

Model: AS350/355

Description:

Forward Beam

Supplier:

N/A

Color:

White

WO#:

2016-16

PO#: N/A




AS350 Find Beam 2016-16

Description: Beam Pin

WO#

[illegible]

1. Approving Civil Aviation Authority/Country Transport Canada		2. AUTHORIZED RELEASE CERTIFICATE FORM ONE			3. Form Tracking No. 2016-0102
4. Organization Name and Address AERO Design Ltd. – 9888A Malaspina Road, Powell River, BC, V8A 0G3					5. Work Order/Contract/Invoice WO 2016-16
6. Item 1.	7. Description Forward Beam	8. Part Number 78634-01-00	9. Qty. 1	10. Serial/Batch No. N/A	11. Status/Work New
12. Remarks					
13a. Certifies that the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non approved design data specified in block 12.			14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulation specified in block 12 Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations.		
13b. Signature  73-04 02		13c. Approved Organization Number AMF 73-04		14b. Signature	
13d. Name Jeff Clarke - AD02		13e. Date (dd/mm/yyyy) 06 July 2016		14c. Approved Organization Number	
				14d. Name	
				14e. Date (dd/mm/yyyy)	
<p align="center">Installer Responsibilities</p> <p>This certificate does not constitute authority to install.</p> <p>Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified.</p> <p>Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.</p>					

BLACK COMB



Aero Design Ltd.

9888 A Malaspina Rd., Powell River, BC
V8A 0G3, 604-483-AERO (2376)

Quantity: 1

PN: 78634-01-00

Aircraft: Eurocopter

Model: AS350/355

Description: Forward Beam

Supplier: N/A

Color: White

WO#: 2016-16

PO#: N/A


06 July 2016



Description: 45350 BEANS

WO# _____

[illegible]

1. Approving Civil Aviation Authority/Country Transport Canada		2. AUTHORIZED RELEASE CERTIFICATE FORM ONE			3. Form Tracking No. 2016-0100
4. Organization Name and Address AERO Design Ltd. – 9888A Malaspina Road, Powell River, BC, V8A 0G3					5. Work Order/Contract/Invoice WO 2016-16
6. Item 1.	7. Description Forward Beam	8. Part Number 78634-01-00	9. Qty. 1	10. Serial/Batch No. N/A	11. Status/Work New
12. Remarks					
13a. Certifies that the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non approved design data specified in block 12.			14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulation specified in block 12 Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations.		
13b. Signature 		13c. Approved Organization Number AMF 73-04		14b. Signature	
13d. Name Jeff Clarke - AD02		13e. Date (dd/mm/yyyy) 04 July 2016		14c. Approved Organization Number	
				14d. Name	
				14e. Date (dd/mm/yyyy)	
<p align="center">Installer Responsibilities</p> <p>This certificate does not constitute authority to install.</p> <p>Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified.</p> <p>Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.</p>					

Air span

04 JULY 2016



AS350 LT BEAMS

WO# _____

[illegible]

1. Approving Civil Aviation Authority/Country Transport Canada		2. AUTHORIZED RELEASE CERTIFICATE FORM ONE			3. Form Tracking No. 2016-0079
4. Organization Name and Address AERO Design Ltd. – 9888A Malaspina Road, Powell River, BC, V8A 0G3					5. Work Order/Contract/Invoice WO 2016-16
6. Item	7. Description	8. Part Number	9. Qty.	10. Serial/Batch No.	11. Status/Work
1.	RH Aft Beam	78633-01-01	1	N/A	New
2.	Forward Beam	78634-01-00	1		
12. Remarks					
13a. Certifies that the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non approved design data specified in block 12.			14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulation specified in block 12 Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations.		
13b. Signature  AD 73-04 02		13c. Approved Organization Number AMF 73-04		14b. Signature	
13d. Name Jeff Clarke - AD02		13e. Date (dd/mm/yyyy) 31 May 2016		14c. Approved Organization Number	
				14d. Name	
				14e. Date (dd/mm/yyyy)	
Installer Responsibilities					
<p>This certificate does not constitute authority to install.</p> <p>Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified.</p> <p>Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.</p>					

TRK Helicopters



Aero Design Ltd.

9888 A Malaspina Rd., Powell River, BC
V8A 0G3, 604-483-AERO (2376)

Quantity:

1

PN:

78634-01-00

Aircraft:

Eurocopter

Model: AS350/355

Description:

Forward Beam

Supplier:

N/A

Color:

White

WO#:

2016-16

PO#: N/A



Aero Design Ltd.

9888 A Malaspina Rd., Powell River, BC
V8A 0G3, 604-483-AERO (2376)

Quantity:

1

PN:

78633-01-01

Aircraft:

Eurocopter

Model: AS350/355

Description:

R.H. AFT Beam

Supplier:

Aero Design

Color:

White

WO#:

2016-16


PO# N/A

31 May 2016



WO# 2016-16

Rev. Original 27 May 2013

1. Approving Civil Aviation Authority/Country Transport Canada		2. AUTHORIZED RELEASE CERTIFICATE FORM ONE			3. Form Tracking No. 2016-0076
4. Organization Name and Address AERO Design Ltd. – 9888A Malaspina Road, Powell River, BC, V8A 0G3					5. Work Order/Contract/Invoice WO 2016-16
6. Item	7. Description	8. Part Number	9. Qty.	10. Serial/Batch No.	11. Status/Work
1.	LH Aft Beam	78633-01-02	1	N/A	New
2.	Forward Beam	78634-01-00	1		
12. Remarks					
13a. Certifies that the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non approved design data specified in block 12.			14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulation specified in block 12. Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations.		
13b. Signature 		13c. Approved Organization Number AMF 73-04		14b. Signature	
13d. Name Jeff Clarke - AD02		13e. Date (dd/mmm/yyyy) 31 May 2016		14c. Approved Organization Number	
				14d. Name	
				14e. Date (dd/mmm/yyyy)	
<p align="center">Installer Responsibilities</p> <p>This certificate does not constitute authority to install.</p> <p>Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified.</p> <p>Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.</p>					

ASCENT HELI



Aero Design Ltd.

9888 A Malaspina Rd., Powell River, BC
V8A 0G3, 604-483-AERO (2376)

Quantity:

1

PN:

78633-01-02

Aircraft:

Eurocopter

Model: AS350/355

Description:

L.H. AFT Beam

Supplier:

Aero Design

Color:

White

WO#:

2016-16

PO# N/A



Aero Design Ltd.

9888 A Malaspina Rd., Powell River, BC
V8A 0G3, 604-483-AERO (2376)

Quantity: 1
PN: 78634-01-00
Aircraft: Eurocopter
Description: Forward Beam
Supplier: N/A
Color: White
WO#: 2016-16

Model: AS350/355

PO#: N/A

31 May 2016



WO# 2016-16

Approved Manufacturing Facility 73-04

Form 20.F.06

Rev. Original 27 May 2013

1. Approving Civil Aviation Authority/Country Transport Canada		2. AUTHORIZED RELEASE CERTIFICATE FORM ONE			3. Form Tracking No. 2016-0063
4. Organization Name and Address AERO Design Ltd. – 9888A Malaspina Road, Powell River, BC, V8A 0G3					5. Work Order/Contract/Invoice WO 2016-16
6. Item	7. Description	8. Part Number	9. Qty.	10. Serial/Batch No.	11. Status/Work
1.	LH Aft Beam	78633-01-02	1	N/A	New
2.	Forward Beam	78634-01-00	1		
12. Remarks					
13a. Certifies that the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non approved design data specified in block 12.			14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulation specified in block 12 Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations.		
13b. Signature  AD		13c. Approved Organization Number 73-04 AMF 73-04		14b. Signature 14c. Approved Organization Number	
13d. Name Jeff Clarke - AD02		13e. Date (dd/mmm/yyyy) 13 May 2016		14d. Name 14e. Date (dd/mmm/yyyy)	
Installer Responsibilities					
This certificate does not constitute authority to install. Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified. Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.					

SKYDANCE HELI



Aero Design Ltd.

9888 A Malaspina Rd., Powell River, BC
V8A 0G3, 604-483-AERO (2376)

Quantity: 1

PN: 78634-01-00

Aircraft: Eurocopter

Model: AS350/355

Description: Forward Beam

Supplier: N/A

Color: White

WO#: 2016-16

PO#: N/A



Aero Design Ltd.

9888 A Malaspina Rd., Powell River, BC
V8A 0G3, 604-483-AERO (2376)

Quantity: 1

PN: 78633-01-02

Aircraft: Eurocopter

Model: AS350/355

Description: L.H. AFT Beam

Supplier: Aero Design

Color: White

WO#: 2016-16

PO# N/A

Aero Design

Parts Distribution Sheet

Description: AS350 LH BEAMS

WO# 2016-16

[illegible]

1. Approving Civil Aviation Authority/Country Transport Canada		2. AUTHORIZED RELEASE CERTIFICATE FORM ONE			3. Form Tracking No. 2016-0051
4. Organization Name and Address AERO Design Ltd. – 9888A Malaspina Road, Powell River, BC, V8A 0G3					5. Work Order/Contract/Invoice WO 2016-16
6. Item	7. Description	8. Part Number	9. Qty.	10. Serial/Batch No.	11. Status/Work
1.	LH Aft Beam	78633-01-02	1	N/A	New
2.	Forward Beam	78634-01-00	1		
12. Remarks					
13a. Certifies that the items identified above were manufactured in conformity to:			14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulation specified in block 12		
<input checked="" type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non approved design data specified in block 12.			Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations.		
13b. Signature  AD 73-04 02		13c. Approved Organization Number AMF 73-04		14b. Signature	
13d. Name Jeff Clarke - AD02		13e. Date (dd/mm/yyyy) 06 May 2016		14c. Approved Organization Number	
				14d. Name	
				14e. Date (dd/mm/yyyy)	
Installer Responsibilities					
This certificate does not constitute authority to install. Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified. Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.					

SEQUOIA



Aero Design Ltd.

9888 A Malaspina Rd., Powell River, BC
V8A 0G3, 604-483-AERO (2376)

Quantity:	1	
PN:	78633-01-02	
Aircraft:	Eurocopter	Model: AS350/355
Description:	L.H. AFT Beam	
Supplier:	Aero Design	
Color:	White	
WO#:	2016-16	PO# N/A



Aero Design Ltd.

9888 A Malaspina Rd., Powell River, BC
V8A 0G3, 604-483-AERO (2376)

Quantity:

1

PN:

78634-01-00

Aircraft:

Eurocopter

Model: AS350/355

Description:

Forward Beam

Supplier:

N/A

Color:

White

WO#:

2016-16

PO#: N/A



06 MAY 296

Description: Beams

WO# 2016-16

Approved Manufacturing Facility 73-04

Form 20.F.06

Rev. Original 27 May 2013

1. Approving Civil Aviation Authority/Country Transport Canada		2. AUTHORIZED RELEASE CERTIFICATE FORM ONE			3. Form Tracking No. 2016-0046
Organization Name and Address AERO Design Ltd. – 9888A Malaspina Road, Powell River, BC, V8A 0G3					5. Work Order/Contract/Invoice WO 2016-16
6. Item	7. Description	8. Part Number	9. Qty.	10. Serial/Batch No.	11. Status/Work
1.	LH Aft Beam	78633-01-02	1	N/A	New
2.	Forward Beam	78634-01-00	1		
12. Remarks					
13a. Certifies that the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non approved design data specified in block 12.			14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulation specified in block 12 Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations.		
13b. Signature 		13c. Approved Organization Number AMF 73-04		14b. Signature	
13d. Name Jeff Clarke - AD02		13e. Date (dd/mmm/yyyy) 06 May 2016		14c. Approved Organization Number	
				14d. Name	
				14e. Date (dd/mmm/yyyy)	
Installer Responsibilities					
<p>This certificate does not constitute authority to install.</p> <p>Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified.</p> <p>Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.</p>					

SE001A



Aero Design Ltd.

9888 A Malaspina Rd., Powell River, BC
V8A 0G3, 604-483-AERO (2376)

Quantity:

1

PN:

78633-01-02

Aircraft:

Eurocopter

Model: AS350/355

Description:

L.H. AFT Beam

Supplier:

Aero Design

Color:

White

WO#:

2016-16

PO# N/A



Aero Design Ltd.

9888 A Malaspina Rd., Powell River, BC
V8A 0G3, 604-483-AERO (2376)

Quantity: 1

PN: 78634-01-00

Aircraft: Eurocopter

Model: AS350/355

Description: Forward Beam

Supplier: N/A

Color: White

WO#: 2016-16

PO#: N/A

Aero Design

Parts Distribution Sheet

SEQUOIA

06 MAY 2016

Description: Beams alt

WO# 2016-16

[illegible]

1. Approving Civil Aviation Authority/Country Transport Canada		2. AUTHORIZED RELEASE CERTIFICATE FORM ONE			3. Form Tracking No. 2016-0041
4. Organization Name and Address AERO Design Ltd. – 9888A Malaspina Road, Powell River, BC, V8A 0G3					5. Work Order/Contract/Invoice WO 2016-16
6. Item	7. Description	8. Part Number	9. Qty.	10. Serial/Batch No.	11. Status/Work
1.	LH Aft Beam	78633-01-02	1	N/A	New
2.	Forward Beam	78634-01-00	1		
12. Remarks					
13a. Certifies that the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non approved design data specified in block 12.			14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulation specified in block 12 Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations.		
13b. Signature  AD 73-04 02		13c. Approved Organization Number AMF 73-04		14b. Signature	
13d. Name Jeff Clarke - AD02		13e. Date (dd/mmm/yyyy) 06 May 2016		14c. Approved Organization Number	
				14d. Name	
				14e. Date (dd/mmm/yyyy)	
Installer Responsibilities					
This certificate does not constitute authority to install. Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified. Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.					

QUESTRAL HELI



Aero Design Ltd.

9888 A Malaspina Rd., Powell River, BC
V8A 0G3, 604-483-AERO (2376)

Quantity:

1

PN:

78634-01-00

Aircraft:

Eurocopter

Model: AS350/355

Description:

Forward Beam

Supplier:

N/A

Color:

White

WO#:

2016-16

PO#: N/A



Aero Design Ltd.

9888 A Malaspina Rd., Powell River, BC
V8A 0G3, 604-483-AERO (2376)

Quantity:

1

PN:

78633-01-02

Aircraft:

Eurocopter

Model: AS350/355

Description:

L.H. AFT Beam

Supplier:

Aero Design

Color:

White

WO#:

2016-16

PO# N/A

06 May 2016



Description: AS350 LH Beams

WO# 2016-16

[illegible]



WO# _____

Approved Manufacturing Facility 73-04

Form 20.F.06

Rev. Original 27 May 2013

1. Approving Civil Aviation Authority/Country Transport Canada		2. AUTHORIZED RELEASE CERTIFICATE FORM ONE			3. Form Tracking No. 2016-0036
4. Organization Name and Address AERO Design Ltd. – 9888A Malaspina Road, Powell River, BC, V8A 0G3				5. Work Order/Contract/Invoice WO 2016-16	
6. Item	7. Description	8. Part Number	9. Qty.	10. Serial/Batch No.	11. Status/Work
1.	LH Aft Beam	78633-01-02	1	N/A	New
2.	Forward Beam	78634-01-00	1		
12. Remarks					
13a. Certifies that the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non approved design data specified in block 12.			14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulation specified in block 12 Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations.		
13b. Signature  AD 73-04 02		13c. Approved Organization Number AMF 73-04		14b. Signature	
13d. Name Jeff Clarke - AD02		13e. Date (dd/mm/yyyy) 04 May 2016		14c. Approved Organization Number	
				14d. Name	
				14e. Date (dd/mm/yyyy)	
Installer Responsibilities					
This certificate does not constitute authority to install. Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified. Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.					

ROBERTS AIRCRAFT



Aero Design Ltd.

9888 A Malaspina Rd., Powell River, BC
V8A 0G3, 604-483-AERO (2376)

Quantity:

1

PN:

78634-01-00

Aircraft:

Eurocopter

Model: AS350/355

Description:

Forward Beam

Supplier:

N/A

Color:

White

WO#:

2016-16

PO#: N/A



Aero Design Ltd.

9888 A Malaspina Rd., Powell River, BC
V8A 0G3, 604-483-AERO (2376)

Quantity: 1

PN: 78633-01-02

Aircraft: Eurocopter

Model: AS350/355

Description: L.H. AFT Beam

Supplier: Aero Design

Color: White

WO#: 2016-16

PO# N/A

04 MAY 216



Description: AS350 LH BEAMS

WO# 2016-16

[illegible]

Description: AS350 Beams Hardware

[illegible]

1. Approving Civil Aviation Authority/Country Transport Canada		2. AUTHORIZED RELEASE CERTIFICATE FORM ONE			3. Form Tracking No. 2016-0032
4. Organization Name and Address AERO Design Ltd. – 9888A Malaspina Road, Powell River, BC, V8A 0G3					5. Work Order/Contract/Invoice WO 2016-16
6. Item	7. Description	8. Part Number	9. Qty.	10. Serial/Batch No.	11. Status/Work
1.	LH Aft Beam	78633-01-02	1	N/A	New
2.	Forward Beam	78634-01-00	1		
12. Remarks					
13a. Certifies that the items identified above were manufactured in conformity to:			14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulation specified in block 12		
<input checked="" type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non approved design data specified in block 12.			Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations.		
13b. Signature  AD 73-04		13c. Approved Organization Number AMF 73-04		14b. Signature	
13d. Name Jeff Clarke - AD02		13e. Date (dd/mm/yyyy) 30 Apr 2016		14c. Approved Organization Number	
				14d. Name	
				14e. Date (dd/mm/yyyy)	
<p align="center">Installer Responsibilities</p> <p>This certificate does not constitute authority to install.</p> <p>Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified.</p> <p>Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.</p>					

HEU SOURCE



Aero Design Ltd.

9888 A Malaspina Rd., Powell River, BC
V8A 0G3, 604-483-AERO (2376)

Quantity:

1

PN:

78633-01-02

Aircraft:

Eurocopter

Model: AS350/355

Description:

L.H. AFT Beam

Supplier:

Aero Design

Color:

White

WO#:

2016-16

PO# N/A



Aero Design Ltd.

9888 A Malaspina Rd., Powell River, BC
V8A 0G3, 604-483-AERO (2376)

Quantity:

1

PN:

78634-01-00

Aircraft:

Eurocopter

Model: AS350/355

Description:

Forward Beam

Supplier:

N/A

Color:

White

WO#:

2016-16

PO#: N/A

30 APR 2016



Description: Beams

WO# 2016-16

[illegible]

1. Approving Civil Aviation Authority/Country Transport Canada		2. AUTHORIZED RELEASE CERTIFICATE FORM ONE			3. Form Tracking No. 2016-0031
4. Organization Name and Address AERO Design Ltd. – 9888A Malaspina Road, Powell River, BC, V8A 0G3					5. Work Order/Contract/Invoice WO 2016-16
6. Item	7. Description	8. Part Number	9. Qty.	10. Serial/Batch No.	11. Status/Work
1.	LH Aft Beam	78633-01-02	1	N/A	New
2.	Forward Beam	78634-01-00	1		
12. Remarks					
13a. Certifies that the items identified above were manufactured in conformity to:			14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulation specified in block 12		
<input checked="" type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non approved design data specified in block 12.			Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations.		
13b. Signature  AD 73-04 02		13c. Approved Organization Number AMF 73-04		14b. Signature	
13d. Name Jeff Clarke - AD02		13e. Date (dd/mmm/yyyy) 30 Apr 2016		14c. Approved Organization Number	
				14d. Name	
				14e. Date (dd/mmm/yyyy)	
Installer Responsibilities					
This certificate does not constitute authority to install. Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified. Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.					

HEU SOURCE



Aero Design Ltd.

9888 A Malaspina Rd., Powell River, BC
V8A 0G3, 604-483-AERO (2376)

Quantity: 1
PN: 78633-01-02
Aircraft: Eurocopter
Description: L.H. AFT Beam
Supplier: Aero Design
Color: White
WO#: 2016-16

Model: AS350/355

PO# N/A



Aero Design Ltd.

9888 A Malaspina Rd., Powell River, BC
V8A 0G3, 604-483-AERO (2376)

Quantity: 1
PN: 78634-01-00
Aircraft: Eurocopter
Description: Forward Beam
Supplier: N/A
Color: White
WO#: 2016-16

Model: AS350/355

PO#: N/A

Description: Beams

[illegible]

1. Approving Civil Aviation Authority/Country Transport Canada		2. AUTHORIZED RELEASE CERTIFICATE FORM ONE			3. Form Tracking No. 2016-0020
4. Organization Name and Address AERO Design Ltd. – 9888A Malaspina Road, Powell River, BC, V8A 0G3					5. Work Order/Contract/Invoice WO 2016-16
6. Item 1.	7. Description RH Aft Beam	8. Part Number 78633-01-01	9. Qty. 1	10. Serial/Batch No. N/A	11. Status/Work New
12. Remarks					
13a. Certifies that the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non approved design data specified in block 12.			14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulation specified in block 12 Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations.		
13b. Signature  AD02		13c. Approved Organization Number AMF 73-04		14b. Signature	
13d. Name Jeff Clarke - AD02		13e. Date (dd/mm/yyyy) 15 April 2016		14c. Approved Organization Number	
				14d. Name	
				14e. Date (dd/mm/yyyy)	
Installer Responsibilities					
This certificate does not constitute authority to install. Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified. Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.					


245

Apr. 15th/2016



WO# 2016-16

[illegible]

1. Approving Civil Aviation Authority/Country Transport Canada		2. AUTHORIZED RELEASE CERTIFICATE FORM ONE			3. Form Tracking No. 2016-0002
4. Organization Name and Address AERO Design Ltd. – 9888A Malaspina Road, Powell River, BC, V8A 0G3					5. Work Order/Contract/Invoice WO 2016-16
6. Item	7. Description	8. Part Number	9. Qty.	10. Serial/Batch No.	11. Status/Work
1.	RH Aft Beam	78633-01-01	1	N/A	New
2.	Forward Beam	78634-01-00	1		
12. Remarks Black					
13a. Certifies that the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non approved design data specified in block 12.			14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulation specified in block 12 Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations.		
13b. Signature 		13c. Approved Organization Number AMF 73-04		14b. Signature	
13d. Name Jeff Clarke - AD02		13e. Date (dd/mm/yyyy) 13 April 2016		14c. Approved Organization Number	
				14d. Name	
				14e. Date (dd/mm/yyyy)	
<p align="center">Installer Responsibilities</p> <p>This certificate does not constitute authority to install.</p> <p>Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified.</p> <p>Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.</p>					

LAKE SHORE

13 APR 2016



Description: AS 350 RH BEAMS

WO# 2016-16

[illegible]

A

Description: AS350 Beams Hardware

WO# _____

[illegible]

1. Approving Civil Aviation Authority/Country Transport Canada		2. AUTHORIZED RELEASE CERTIFICATE FORM ONE			3. Form Tracking No.	
4. Organization Name and Address AERO Design Ltd. – 9888A Malaspina Road, Powell River, BC, V8A 0G3					5. Work Order/Contract/Invoice WO 2016-16	
6. Item	7. Description	8. Part Number	9. Qty.	10. Serial/Batch No.	11. Status/Work	
1.	RH Aft Beam	78633-01-01	1	N/A	New	
12. Remarks						
13a. Certifies that the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non approved design data specified in block 12.				14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulation specified in block 12. Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations.		
13b. Signature <i>Jeff Clarke</i>		13c. Approved Organization Number AMF 73-04		14b. Signature		14c. Approved Organization Number
13d. Name Jeff Clarke - AD02		13e. Date (dd/mm/yyyy) 09 April 2016		14d. Name		14e. Date (dd/mm/yyyy)
<p align="center">Installer Responsibilities</p> <p>This certificate does not constitute authority to install.</p> <p>Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified.</p> <p>Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.</p>						

WHITEHOUSE FLIGHT CENTER

Aero Design

Parts Distribution Sheet

WHITEHORSE FLT CTR

09 APR 2016

Description: AS350 RH AFT Beam

WO# _____

[illegible]

1. Approving Civil Aviation Authority/Country Transport Canada		2. AUTHORIZED RELEASE CERTIFICATE FORM ONE			3. Form Tracking No.		
4. Organization Name and Address AERO Design Ltd. – 9888A Malaspina Road, Powell River, BC, V8A 0G3					5. Work Order/Contract/Invoice WO 2016-16		
6. Item 1.	7. Description LH Aft Beam	8. Part Number 78633-01-02	9. Qty. 2	10. Serial/Batch No. N/A	11. Status/Work New		
12. Remarks Black							
13a. Certifies that the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non approved design data specified in block 12.			14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulation specified in block 12 Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations.				
13b. Signature 		13c. Approved Organization Number AMF 73-04		14b. Signature		14c. Approved Organization Number	
13d. Name Jeff Clarke - AD02		13e. Date (dd/mm/yyyy) 07 Apr 2016		14d. Name		14e. Date (dd/mm/yyyy)	
<p align="center">Installer Responsibilities</p> <p>This certificate does not constitute authority to install.</p> <p>Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified.</p> <p>Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.</p>							

INNOKOTERES

07 APR 2016



WO# 2016-16

[illegible]



Aero Design Ltd.

9888 A Malaspina Rd., Powell River, BC
V8A 0G3, 604-483-AERO (2376)

Quantity:

1

PN:

78633-01-02

Aircraft:

Eurocopter

Model: AS350/355

Description:

L.H. AFT Beam

Supplier:

Aero Design

Color:

Black

WO#:

2016-16

PO# N/A



Aero Design Ltd.

9888 A Malaspina Rd., Powell River, BC
V8A 0G3, 604-483-AERO (2376)

Quantity:

1

PN:

78633-01-02

Aircraft:

Eurocopter

Description:

L.H. AFT Beam

Supplier:

Aero Design

Color:

Black

WO#:

2016-16

Model: AS350/355

PO# N/A

1. Approving Civil Aviation Authority/Country Transport Canada		2. AUTHORIZED RELEASE CERTIFICATE FORM ONE			3. Form Tracking No.	
4. Organization Name and Address AERO Design Ltd. – 9888A Malaspina Road, Powell River, BC, V8A 0G3					5. Work Order/Contract/Invoice WO2016-16	
6. Item	7. Description	8. Part Number	9. Qty.	10. Serial/Batch No.	11. Status/Work	
1.	LH Aft Beam	78633-01-02	1			
2.	Forward Beam	78634-01-00	1	N/A	New	
12. Remarks						
13a. Certifies that the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non approved design data specified in block 12.				14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulation specified in block 12 Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations.		
13b. Signature 		13c. Approved Organization Number AMF 73-04		14b. Signature		14c. Approved Organization Number
13d. Name Jeff Clarke - AD02		13e. Date (dd/mm/yyyy) 05 Apr 2016		14d. Name		14e. Date (dd/mm/yyyy)
<p align="center">Installer Responsibilities</p> <p>This certificate does not constitute authority to install. Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified. Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.</p>						

WHITE HORSE FLT CTR.

07 Apr 2016



Description: A5350 BEAMS

WO# 2016-16

[illegible]



Aero Design Ltd.

9888 A Malaspina Rd., Powell River, BC
V8A 0G3, 604-483-AERO (2376)

Quantity: 1
PN: 78633-01-02
Aircraft: Eurocopter
Description: L.H. AFT Beam
Supplier: Aero Design
Color: White
WO#: 2016-16

Model: AS350/355

PO# N/A



Aero Design Ltd.

9888 A Malaspina Rd., Powell River, BC
V8A 0G3, 604-483-AERO (2376)

Quantity:

1

PN:

78634-01-00

Aircraft:

Eurocopter

Model: AS350/355

Description:

Forward Beam

Supplier:

N/A

Color:

White

WO#:

2016-16

PO#: N/A

1. Approving Civil Aviation Authority/Country Transport Canada		2. AUTHORIZED RELEASE CERTIFICATE FORM ONE			3. Form Tracking No.	
4. Organization Name and Address AERO Design Ltd. – 9888A Malaspina Road, Powell River, BC, V8A 0G3					5. Work Order/Contract/Invoice WO 2016-16	
6. Item	7. Description	8. Part Number	9. Qty.	10. Serial/Batch No.	11. Status/Work	
1.	LH Aft Beam	78633-01-02	1	N/A	New	
2.	Forward Beam	78634-01-00	1			
12. Remarks						
13a. Certifies that the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non approved design data specified in block 12.				14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulation specified in block 12 Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations.		
13b. Signature 		13c. Approved Organization Number AMF 73-04		14b. Signature		14c. Approved Organization Number
13d. Name Jeff Clarke - AD02		13e. Date (dd/mmm/yyyy) 05 Apr 2016		14d. Name		14e. Date (dd/mmm/yyyy)
Installer Responsibilities						
This certificate does not constitute authority to install. Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified. Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.						

IR HELICOPTERS

05 Apr 2016



WO# _____

Approved Manufacturing Facility 73-04

Rev. Original 27 May 2013



Aero Design Ltd.

9888 A Malaspina Rd., Powell River, BC
V8A 0G3, 604-483-AERO (2376)

Quantity:

1

PN:

78633-01-02

Aircraft:

Eurocopter

Model: AS350/355

Description:

L.H. AFT Beam

Supplier:

Aero Design

Color:

White

WO#:

2016-16

PO# N/A



Aero Design Ltd.

9888 A Malaspina Rd., Powell River, BC
V8A 0G3, 604-483-AERO (2376)

Quantity:

1

PN:

78634-01-00

Aircraft:

Eurocopter

Model: AS350/355

Description:

Forward Beam

Supplier:

N/A

Color:

White

WO#:

2016-16

PO#: N/A

1. Approving Civil Aviation Authority/Country Transport Canada		2. AUTHORIZED RELEASE CERTIFICATE FORM ONE			3. Form Tracking No.	
4. Organization Name and Address AERO Design Ltd. – 9888A Malaspina Road, Powell River, BC, V8A 0G3					5. Work Order/Contract/Invoice WO 2016-16	
6. Item	7. Description	8. Part Number	9. Qty.	10. Serial/Batch No.	11. Status/Work	
1.	LH Aft Beam	78633-01-02	1	N/A	New	
2.	Forward Beam	78634-01-00	1			
12. Remarks						
13a. Certifies that the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non approved design data specified in block 12.				14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulation specified in block 12 Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations.		
13b. Signature <i>Jeff Clarke AD02</i>		13c. Approved Organization Number AMF 73-04		14b. Signature		14c. Approved Organization Number
13d. Name Jeff Clarke - AD02		13e. Date (dd/mmm/yyyy) 03 Mar 2016		14d. Name		14e. Date (dd/mmm/yyyy)
<p style="text-align: center;">Installer Responsibilities</p> <p>This certificate does not constitute authority to install.</p> <p>Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified.</p> <p>Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.</p>						

SAR POWT



Aero Design Ltd.

9888 A Malaspina Rd., Powell River, BC
V8A 0G3, 604-483-AERO (2376)

Quantity: 1
PN: 78633-01-02
Aircraft: Eurocopter
Description: L.H. AFT Beam
Supplier: Aero Design
Color: White
WO#: 2016-16

Model: AS350/355

PO# N/A



Aero Design Ltd.

9888 A Malaspina Rd., Powell River, BC
V8A 0G3, 604-483-AERO (2376)

Quantity: 1
PN: 78634-01-00
Aircraft: Eurocopter
Description: Forward Beam
Supplier: N/A
Color: White
WO#: 2016-16

Model: AS350/355

PO#: N/A

A

Description: Beam Pin

WO# 2016-16

[illegible]

1. Approving Civil Aviation Authority/Country
Transport Canada

2. **AUTHORIZED RELEASE CERTIFICATE
FORM ONE**

3. Form Tracking No.

4. Organization Name and Address

AERO Design Ltd. – 9888A Malaspina Road, Powell River, BC, V8A 0G3

5. Work Order/Contract/Invoice

WO 2016-16

6. Item	7. Description	8. Part Number	9. Qty.	10. Serial/Batch No.	11. Status/Work
1.	LH Aft Beam	78633-01-02	1		
2.	Forward Beam	78634-01-00	1	N/A	New

12. Remarks

13a. Certifies that the items identified above were manufactured in conformity to:

- ☒ Approved design data and are in condition for safe operation.
☐ Non approved design data specified in block 12.

14a. ☐ CAR 571.10 Maintenance Release

☐ Other regulation specified in block 12.

~~Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations.~~

13b. Signature

13c. Approved Organization Number

AMF 73-04

14b. Signature

14c. Approved Organization Number

13d. Name

Jeff Clarke - AD02

13e. Date (dd/mmm/yyyy)

01 Mar 2016

14d. Name

14e. Date (dd/mmm/yyyy)

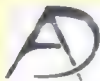
Installer Responsibilities

This certificate does not constitute authority to install.

Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified.

Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.

HIGH RELEASE



Aero Design Ltd.

9888 A Malaspina Rd., Powell River, BC
V8A 0G3, 604-483-AERO (2376)

Quantity:

1

PN:

78633-01-02

Aircraft:

Eurocopter

Model: AS350/355

Description:

L.H. AFT Beam

Supplier:

Aero Design

Color:

White

WO#:

2016-16

PO# N/A



Aero Design Ltd.

9888 A Malaspina Rd., Powell River, BC
V8A 0G3, 604-483-AERO (2376)

Quantity:

1

PN:

78634-01-00

Aircraft:

Eurocopter

Model: AS350/355

Description:

Forward Beam

Supplier:

N/A

Color:

White

WO#:

2016-16

PO#: N/A

Aero Design

Parts Distribution Sheet

Description: Beam Pin

WO# 2016-16

HIGH TERRAIN
AS 350 LT BEAMS

[illegible]

1. Approving Civil Aviation Authority/Country Transport Canada		2. AUTHORIZED RELEASE CERTIFICATE FORM ONE			3. Form Tracking No.	
4. Organization Name and Address AERO Design Ltd. – 9888A Malaspina Road, Powell River, BC, V8A 0G3					5. Work Order/Contract/Invoice WO 2016-16	
6. Item	7. Description	8. Part Number	9. Qty.	10. Serial/Batch No.	11. Status/Work	
1.	LH Aft Beam Ass'y	78633-01-02	1	N/A	New	
2.	Forward Beam Ass'y	78634-01-00	1			
12. Remarks						
13a. Certifies that the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non approved design data specified in block 12.				 14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulation specified in block 12 Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations. 		
13b. Signature 		13c. Approved Organization Number AMF 73-04		14b. Signature		14c. Approved Organization Number
13d. Name Jeff Clarke - AD02		13e. Date (dd/mm/yyyy) 15 Feb 2016		14d. Name		14e. Date (dd/mm/yyyy)
<p style="text-align: center;">Installer Responsibilities</p> <p>This certificate does not constitute authority to install.</p> <p>Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified.</p> <p>Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.</p>						

AIR RESOURCES

Description: Beam Pin

WO# _____

[illegible]

1. Approving Civil Aviation Authority/Country Transport Canada		2. AUTHORIZED RELEASE CERTIFICATE FORM ONE			3. Form Tracking No. 		
4. Organization Name and Address AERO Design Ltd. – 9888A Malaspina Road, Powell River, BC, V8A 0G3					5. Work Order/Contract/Invoice WO 2016-16		
6. Item	7. Description	8. Part Number	9. Qty.	10. Serial/Batch No.	11. Status/Work		
1.	LH Aft Beam	78633-01-02	1				
2.	Forward Beam	78634-01-00	1	N/A	New		
12. Remarks Black							
13a. Certifies that the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non approved design data specified in block 12.				<div style="border: 1px solid black; padding: 5px;"> 14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulation specified in block 12 Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations. </div>			
13b. Signature 		13c. Approved Organization Number AMF 73-04		14b. Signature <div style="border: 1px solid black; height: 40px; width: 100%;"></div>		14c. Approved Organization Number <div style="border: 1px solid black; height: 40px; width: 100%;"></div>	
13d. Name Jeff Clarke - AD02		13e. Date (dd/mmm/yyyy) 12 Feb 2016		14d. Name <div style="border: 1px solid black; height: 40px; width: 100%;"></div>		14e. Date (dd/mmm/yyyy) <div style="border: 1px solid black; height: 40px; width: 100%;"></div>	
Installer Responsibilities							
This certificate does not constitute authority to install. Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified. Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.							

4554

1. Approving Civil Aviation Authority/Country Transport Canada		2. AUTHORIZED RELEASE CERTIFICATE FORM ONE			3. Form Tracking No.
4. Organization Name and Address AERO Design Ltd. – 9888A Malaspina Road, Powell River, BC, V8A 0G3					5. Work Order/Contract/Invoice WO 2016-16
6. Item	7. Description	8. Part Number	9. Qty.	10. Serial/Batch No.	11. Status/Work
1.	LH Aft Beam	78633-01-02	1	N/A	New
2.	Forward Beam	78634-01-00	1		
12. Remarks					
13a. Certifies that the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non approved design data specified in block 12.			14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulation specified in block 12 Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations.		
13b. Signature <i>Jeff Clarke</i>		13c. Approved Organization Number AMF 73-04		14b. Signature 14c. Approved Organization Number	
13d. Name Jeff Clarke - AD02		13e. Date (dd/mmm/yyyy) 10 Feb 2016		14d. Name 14e. Date (dd/mmm/yyyy)	
Installer Responsibilities					
This certificate does not constitute authority to install. Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified. Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.					

RAVCO



Aero Design Ltd.

9888 A Malaspina Rd. Powell River, BC, V8A 0G3

Phone: 604-483-2376 Fax: 604-483-2372 E-mail: info@aerodesign.ca

AMF 73-04

Nomenclature: Aft Beam R/H No. of pieces: 7

Manufacturer: Aero Design Ltd

Part No.: 78633-01-01 Serial/Batch No.: 15054

TTSN: N/A TSO: N/A Rem.: N/A

Work Order No.: 2016-16

Remaining Tasks to be Performed: Machining, Welding

Signature: Don Butts

Date: Jan 20th/2016 Lic. No. / SCA AD-07

In Process



Aero Design Ltd.

9888 A Malaspina Rd. Powell River, BC, V8A 0G3

Phone: 604-483-2376 Fax: 604-483-2372 E-mail: info@aerodesign.ca

AMF 73-04

Remarks

In Process



Aero Design Ltd.

9888 A Malaspina Rd. Powell River, BC, V8A 0G3

Phone: 604-483-2376 Fax: 604-483-2372 E-mail: info@aerodesign.ca

AMF 73-04

Nomenclature: Forward Beam No. of pieces: ~~27~~ 24 OK

Manufacturer: Aero Design Ltd

Part No.: 78634-01-00 Serial / Batch No.: 15054

TTSN: NA TSO: NA Rem.: NA

Work Order No.: 2016-16

Remaining Tasks to be Performed: Machining ✓, Welding ✓

Dual, Powder OK

Signature: Don Butts

Date: Jan 20th / 2016

Lic. No. / SCA ADO 7

In Process



Aero Design Ltd.


9888 A Malaspina Rd. Powell River, BC, V8A 0G3

Phone: 604-483-2376 Fax: 604-483-2372 E-mail: info@aerodesign.ca

AMF 73-04


Remarks

In Process

1. Approving Civil Aviation Authority/Country Transport Canada		2. AUTHORIZED RELEASE CERTIFICATE FORM ONE			3. Form Tracking No. 2016-0082
4. Organization Name and Address Aero Design Ltd. – 9888 A Malaspina Rd. Powell River, BC, V8A 0G3					5. Work Order/Contract/Invoice 2016-16
6. Item	7. Description	8. Part Number	9. Qty.	10. Serial/Batch No.	11. Status/Work
1.	RH Aft Beam	78633-01-01	1	NSN	New
2.	Forward Beam	78634-01-00	1	NSN	
12. Remarks					
13a. Certifies that the items identified above were manufactured in conformity to: x Approved design data and are in condition for safe operation. <input type="checkbox"/> Non approved design data specified in block 12.			14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulation specified in block 12 Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations.		
13b. Signature 		13c. Approved Organization Number AMF 73-04		14b. Signature	
13d. Name Jeff Clarke – AD02		13e. Date (dd/mmm/yyyy) 16 June 2016		14c. Approved Organization Number	
				14d. Name	
				14e. Date (dd/mmm/yyyy)	
<p style="text-align: center;">Installer Responsibilities</p> <p>This certificate does not constitute authority to install.</p> <p>Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified.</p> <p>Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.</p>					

WO# 2016-16

[illegible]

1. Approving Civil Aviation Authority/Country Transport Canada		2. AUTHORIZED RELEASE CERTIFICATE FORM ONE			3. Form Tracking No. 2016-0083	
4. Organization Name and Address Aero Design Ltd. – 9888 A Malaspina Rd. Powell River, BC, V8A 0G3					5. Work Order/Contract/Invoice 2016-16	
6. Item 1.	7. Description Forward Beam	8. Part Number 78634-01-00	9. Qty. 1	10. Serial/Batch No. NSN	11. Status/Work New	
12. Remarks						
13a. Certifies that the items identified above were manufactured in conformity to:			14a. <input type="checkbox"/> CAR 571.10 Maintenance Release			
x Approved design data and are in condition for safe operation.			<input type="checkbox"/> Other regulation specified in block 12			
<input type="checkbox"/> Non approved design data specified in block 12.			Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations.			
13b. Signature 		13c. Approved Organization Number AMF 73-04		14b. Signature		14c. Approved Organization Number
13d. Name Jeff Clarke – AD02		13e. Date (dd/mm/yyyy) 16 June 2016		14d. Name		14e. Date (dd/mm/yyyy)
<p align="center">Installer Responsibilities</p> <p>This certificate does not constitute authority to install.</p> <p>Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified.</p> <p>Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.</p>						